



# The Gazette of India

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Separate paging is given to this Part in order that it may be filed as a separate compilation.

## PART II—SECTION 1

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

*Calcutta, the 16th August 1947*

##### Applications for Patents

##### TITLES HAVE BEEN ABRIDGED

*From 31st July to 6th August 1947*

37904. R. Sutton. Pirn winding machines.

37905. N. B. Bhunvars and M. L. Khorana. Turpentine as a solvent for extraction of alkaloids.

37906. I. Fredriksen. Articles of coiled or rolled-up sheet-like material.

37907. Ciba Limited. Raw material for lacquers, the raw material itself, lacquers made therewith, and objects treated with said lacquers.

37908. Shackles Proprietary Limited. Wool or like bale ties. (1st August 1946).

37909. Aluminium Company of America. Stabilization of aqueous carbonate type solutions for use in forming oxide coatings on aluminium.

37910. J. Hyman. Forming a new composition of matter and a product resulting therefrom.

37911. Impregnated Diamond Products Limited. Grinding and/or polishing machines.

37912. The General Electric Company Limited. High pressure electric discharge lamps. (17th June 1946).

37913. G. H. Pembroke. Silk screen printing apparatus. (2nd August 1946).

37914. Pye Limited. Radio communication systems. (13th May 1946).

37915. Johnson Aircraft Components Limited. Driers. (25th June 1946).

37916. W. H. Miner, Inc. Friction shock absorbing mechanism. (3rd November 1943).

37917. W. H. Miner, Inc. Friction shock absorbing mechanism. (26th January 1942).

37918. British Celanese Limited. (Shaping of sheet material. (19th September 1945).

37919. H. R. Ricardo. Internal combustion engines. (28th August 1946).

37920. J. N. Gupta. Hyperaemic apparatus.

37921. J. C. Findlay. Tray. (5th August 1946).

37922. The M-O Valve Company Limited. Thermionic tubes and other electron discharge devices and holders therefor. (23rd August 1946).

37923. Kodak Limited. Stabilizing photographic silver salt emulsions.

37924. Kodak Limited. Stabilizing photographic silver salt emulsions.

37925. Kodak Limited. Stabilizing photographic silver salt emulsions.

37926. E. N. Contractor. Taps and valves.

37927. Western Electric Company, Incorporated. Systems for transmitting guided electromagnetic waves. (10th September 1943). [Divisional date, August 13, 1946].

37928. The British Thomson-Houston Company Limited. Two-conductor signal transmission circuits. (26th August 1946). \*

37929. Electronic Reduction Corporation. Aluminium and other similar metals.

37930. E. I. Du Pont de Nemours and Co. 1 : 4-dicyano-2-butene.

37931. E. I. Du Pont de Nemours and Co. 1 : 4-dicyano-2-butene,

37932. E. I. Du Pont de Nemours and Co. 1 : 4-dicyano-2-butene.
37933. Tenaplas Limited. Looped terminals for bag handles, brace ends and the like. (17th July 1946).
37934. W. H. Rabell. Forming absorbant tempons.
37935. M. E. Rabell. Tampens.
37936. Imperial Chemical Industries Limited. Hydroxy fatty acid ethers. (7th August 1946).
37937. Stewarts and Lloyds Limited. Connecting fittings for metal tubes, rods or the like. (6th August 1946).
37938. The British Tabulating Machine Company Limited. Multiplying apparatus. (6th August 1946).
37939. Boejl Corporation. Fastener.
37940. Boejl Corporation. Driving staples.
37941. Boejl Corporation. Staple and method of making same.
37942. Boejl Corporation. Staple and its manufacture.
37943. G. P. Singh. Hand loom.
37944. L. C. Sen Gupta. Buckets.
37945. H. Auger. Power transmission mechanisms. (7th August 1946).
37946. New Process Screw Corporation. Method and apparatus for making screws.
37947. New Process Screw Corporation. Screws and their method of manufacture.
37948. New Process Screw Corporation. Method and apparatus for making screws.
37949. New Process Screw Corporation. Method and apparatus for making screws.
37950. A. K. Ghosh. Ruling machine.
37951. Tecalemit Limited. Controlling electric motors. (21st August 1946).
37952. Dunlop Rubber Company Limited. Safety tube for a pneumatic tyre.
37953. The M-O Valve Company Limited. Amplifying or multiplying frequency of electrical oscillations of high frequency. (17th May 1946).
37954. Kodak Limited. Photographic colour development. (7th September 1944).
37955. Kodak Limited. Photographic colour development. (28th September 1944).
37956. Kodak limited. Photographic colour development. (2nd October 1944).

#### Applications accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on any one of the applications, referred to below, may at any time within four months of the date of this Gazette of India, give notice at the Patent Office in the prescribed form No. 6 of the

Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges which may be ascertained, on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

30842. Standard Telephones and Cables Limited. Multiplex signal high frequency transmission systems. (7th April 1943).

*Multi channel signalling systems utilising transmission of time phase modulated electrical pulses.*

31325. Ethyl Corporation. Antiknock agents. Comprising iron pentacarbonyl and a tetraalkyllead.

32075. Imperial Chemical Industries Limited. Manufacture of new nitrothioethers and nitromercaptans.

*Interacting a  $\Delta^2$ -nitroolefine of the formula  $CR^I = CR^{III} NO_2$  with a compound of the formula  $R^{III} (SH)_n$ .*

32128. The Geigy Company Limited. Improvements in and relating to the baling of goods. (27th October 1944).

*Protecting a bale of goods against insect attacks by including in the bales at the time of baling insecticides.*

33037. Imperial Chemical Industries Limited. Preparations for the prevention and destruction of weeds. (28th June 1943).

*A preparation comprising 2 : 4 : 5-trichlorophenyl acetic acid and a diluent.*

33313. Power Jets (Research & Development) Limited. Improvements relating to aircraft propulsion systems and power units. (9th December 1939).

*Continuous combustion turbine power unit with centrifugal compressor, axial flow turbine and combustion means adapted for jet propulsion of aircraft.*

33315. Power Jets (Research & Development) Limited. Improvements relating to engines. (25th August 1941).

*Ducts between compressor and air casing to prevent excessive thermal stresses and structural deformations.*

33535. John Vicars & Co. Pty. Limited. Improved process for treating wool to reduce its shrinking and felting properties. (3rd November 1944).  
*Wool is immersed in a bath of an aqueous solution of permanganic acid or salts thereof.*
33540. G. B. Fowler. Improvements in or relating to methods of operating internal combustion engines and the improved internal combustion engines of the electrically fired type. [Addition to No. 30241.]  
*Waves emanating from plurality of igniters cause final combustion away from the piston.*
33555. V. E. DePenning. Improvements in fibrous glass articles and methods of production.  
*Leaching borosilicate fibres of 0.001 inch or less diameter with solvent of pH less than 7.*
33634. H. G. Jaeger. Improvements in a paint-like coating and a process for the application of same. (22nd November 1944).  
*Apply to the surface a sizing coat and applying a paint-like coating over it.*
33653. J. McDonald and G. W. B. Electric Furnaces Limited. Feeding small articles in regulated progression. (28th November 1944).  
*Electric vibrator, vibrating feeder, pivoted chute and vibrator control switch.*
33682. Standard Telephones and Cables Limited. Selector terminal banks.  
*Individual wires of cables attached to detachable means for connection to terminal.*
33714. Sydney Smith & Sons (Nottingham) Limited. Improvements in Gauges of the bourdon tube and diaphragm type. (2nd December 1944).  
*Gauge block anchored to fixed part other than to which line is anchored; connection to block from line completed through coiled capillary tube.*
33820. Power Jets (Research and Development) Ltd. Improvements in or relating to rotors for multi-stage axial flow compressors and turbines. (6th October 1944).  
*Rotor consists of solid discs interconnected at the rims to afford the equivalent of a hollow drum.*
33829. Tecalemit Limited. Improvements in centrifuging apparatus. (22nd December 1944).  
*Separator comprising outer shell, inner shell, annular inlet and outlet passages, conduits and annular spill passage.*
33860. A. A. C. Degen. Improvements in or relating to self-printing ticket issuing machines. (20th October 1944).  
*Reciprocating printing head, with fixed and adjustable printing elements, means for adjusting printing roller with the head into and out of contact during printing and idle strokes, mechanism for feeding, cutting and issuing ticket blanks and means for actuating adjustable printing elements.*
33949. E. I. du Pont de Nemours and Company. Manufacture of polymerisation products from ethylene and oxygen derivatives of hydrocarbons.  
*Subjecting ethylene and a compound containing the elements carbon, hydrogen and oxygen to an elevated temperature and pressure.*
34024. Standard Telephones and Cables Limited. Multi-signal radiating system.  
*Directional multi-signal radiating system.*
34030. Power Jets (Research & Development) Limited. Improvements relating to the construction of stator elements of turbines, compressors or like machines. (23rd January 1945).  
*Provision of a stator working fluid channel defined by shrouding embodying expansion joints effective in the peripheral direction without corresponding change in the radius.*
34066. E. I. Du Pont de Nemours and Co. Compositions comprising acrylonitrile polymers and copolymers and shaped articles produced therefrom.  
*A solution of a polymer of acrylonitrile in a solvent comprising an organic compound containing at least one hydroxyl and one nitro-group in the same ring.*
34067. E. I. Du Pont de Nemours and Co. Compositions comprising acrylonitrile polymers and copolymers and shaped articles produced therefrom.  
*A solution of a polymer of acrylonitrile in a solvent comprising a cyclic organic compound containing in the ring a sulphonyl group attached to carbon by C-S bond.*
34121. The Mullard Radio Valve Company Limited. Improvements in cathode ray tubes.  
*Electron gun unit comprises electrodes mounted on separate blocks secured directly together.*
34102. Dunlop Rubber Company Limited. Improvements in or relating to moulds for shaping and vulcanising tyres and the tyres obtained thereby. (2nd February 1945).  
*Includes two mould shells, each housing a plurality of segments, with circumferential row of patterning, a groove intermediate of the rows accommodating an insert.*

34173. E. I. du Pont de Nemours and Company. Improved interpolymers of ethylene and organic vinyl esters.  
*Heating ethylene under pressure with vinyl ester in presence of water, a dispersing agent and a peroxogen salt.*
34166. American Chemical Paint Company. Improvement in acid emulsion paint and method of preparing the same. (16th February 1945).  
*Preparing a water-in-oil type emulsion of the film forming ingredients and reversing said emulsion by admixing therewith aqueous acid.*
34197. Commercial Traders Limited. Toy pistol. (20th February 1945).  
*A thermoplastic hollow body simulating a pistol, having a portion with an edge, a cavity a slot in said portion, a cavity in the slot.*
34202. Callender's Cable & Construction Company Limited. Improvements in the covering of electric wires and the like. (23rd February 1945).  
*Feeding strips to the machine where they are cooled and folded, one end of the strip joining the leading end of the strip, keeping a continuity of transition.*
34218. W. Edwards & Co. (London) Ltd. J. W. Tills and J. B. Lovatt. Improvements in vapour stream vacuum pumps.  
*Vapour stream vacuum pump having electrically heated flush boiler.*
34237. British Insulated Callender's Cables Limited. Improvements in wave guides for high frequency electric currents.  
*Of hollow form and rectangular cross-section having a rubber covering, made with less flexibility at and near the ends than in central part.*
34238. Chicago Bridge & Iron Company. Improvements in or relating to sealing members and seals for floating roof tanks or the like including the improved sealing members, and method of making the sealing member.  
*Bendable material having spaced substantially vertical flexures.*
34295. The Chloride Electrical Storage Company Limited. Improvements relating to micro-porous diaphragms or separators.  
*Dry-mixing particles of thermoplastic binder with porous material and heating.*
34305. A. J. Williams, W. J. Dyson and The Wallis Tin Stamping Company Limited. Improvements in or relating to containers and closures therefor. (22nd January 1945).
- The flange on the container is grooved between its lower edges and the top of the container and the flange on the inner cap is provided with extensions to hold the cap in sealing position.
34314. H. W. B. Web. Improvements in and relating to steam boilers or steam generators.  
*Tubular spiral baffle constitute steam generating, superheating and preheating tubes with automatic control means.*
34385. Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey. Improvements in or relating to methods of and apparatus for making glass. (3rd September 1945).  
*In the body of molten glass a vertical zone, with horizontally flowing high density electric current is formed.*
34445. Imperial Chemical Industries Limited. New sulphur-containing dyestuffs. (5th March 1945).  
*Heating a metal or metal free phthalocyanine which contains at least one  $-SO_2Cl$  group with a phosphorous sulphide.*
34485. S. C. Gangopadhyay. A wooden torch light.  
*Circuit completed by turning bottom cap ; to bring a metal strip in contact with another.*
34525. Permal Laboratories Limited. Improvements in or relating to exothermic heating means for use in permanent hair waving.  
*Envelope or sachet containing permanganate of potash and glycerine applied to it.*
34526. Permal Laboratories Limited. Improvements in or relating to exothermic heating means for use in permanent hair waving and for other purposes.  
*Sachet, with absorbent wall, containing granular mixture of copper oxide and aluminium granules activated by solution of sodium or ammonium chloride.*
34595. W. F. DePeuning. Alternating current signal receiving arrangement.  
*An alternating current signal receiving circuit responsive to signals of a predetermined frequency with means to make this irresponsive when signals at a predetermined related lower frequency are responded.*
34689. Det Norske Aktieselskab For Elektrokelisk Industri. Improvements relating to continuous electrode furnace arrangements for producing aluminium or the like.  
*Lower end of electrode is surrounded by a closed gas chamber.*

34743. H. H. Looke. An improved rotary pump. (3rd May 1945).  
*Provision of an arcuate recess in the peripheral wall of the casing at or adjacent the mid-point, the curvature of the recess being substantially equivalent to that of the rotar.*
34748. The General Tire & Rubber Company. Tire casing patch. (17th October 1945).  
*Rectangular cord fabric base ply, shorter rectangular fabric plies in crossing relation and a layer of vulcanising rubber.*
34827. Trojan Limited. Improvements in or relating to two-stroke internal-combustion engines. (11th May 1945).  
*Elimination of crank-case compression of explosive mixture by compressing the said mixture in a charging cylinder distinct from the crank-case.*
34860. L. Fuller and E. W. Sudlow. Improvements relating to secondary electric battery. (31st May 1945).  
*Dry accumulator having a tubular shell being or forming a part of the outer wall of the cell and being the negative electrode, an axial position electrode and vent means at the end opposite to the terminals of the electrodes.*
34864. Imperial Chemical Industries Limited. Fatty—radical—containing compounds. (25th May 1945).  
*Heating the amido compound with a lower alkyl ether of a methylol derivative of a compound containing primary or secondary amino groups and which is capable of forming resin by condensation with formaldehyde.*
35041. N. Pensabene. Magnetic thrust bearings. (15th September 1945).  
*Magnetic attraction between annular pole pieces on two members resists axial displacement.*
35228. E. I. Du Pont de Nemours and Co. Fuel containers.  
*Walls comprise flexible rubbery sheet material with an inner layer composed of a film of polyamide.*
35313. B. D. Irvin. Traction device for wheeled vehicles. (2nd August 1945).  
*Shoes having means to guide them on wheel side walls are interconnected by longitudinal pivotal members.*
35326. Mrs. R. Ghosh. An improved process and apparatus for the deacidification and elimination of colloidal impurities of the sweet juices of beet and cane by the action of direct current, with and without a superposed alternating current and with uni- and bi-polar electrodes of iron and steel. [Addition to No. 29014.]  
*Subjecting the juice to the action of direct current with uni- and bi-polar electrodes.*
35346. Imperial Chemical Industries Limited. New azo dyestuff. (10th August 1945).  
*Coupling diazoazo compound with monoazo compound.*
35481. Standard Telephones and Cables Limited. Improvements in or relating to electric circuits using the mistors. (27th September 1945).  
*Comprising a parallel combination of thermistor and a first resistance in series with a second resistance.*
35499. Standard Telephones and Cables Limited. High density beam electron tubes.  
*Of the velocity modulation type wherein the electron beam traverses a field-free space for a comparatively great distance.*
35637. Ames Crosta Mills & Company Limited and J. F. Bolton. Improvements in or relating to filter beds. (10th September 1943).  
*Comprising a filterbed, a sprinkler means constructed for distributing fluid separately over at least two pre-determined defined areas of the bed and means within the filter bed for collecting the fluid separately from each of the said defined areas.*
35684. Anglo-Iranian Oil Company Limited. Improvements relating to the recovery of cyclohexane from hydrocarbon mixtures. (9th August 1945).  
*Cyclohexane is recovered from preconcentrated cyclohexane paraffin mixture by single extractive distillation.*
35718. II. Policanovsky. Method of and means for the production of filter-tip cigarettes. (22nd October 1945).  
*Continuous tobacco rope passed along a rectilinear and then along an arcuate path with filter tip abutments and is withdrawn in rods.*
35768. Armstrong Siddeley Motors Limited. Improvements relating to the mounting of wheels. (7th October 1948).  
*Forming at one side of the wheel an integral radially extending flange.*
35818. Metropolitan-Vickers Electrical Company Limited. Improvements in or relating to internal combustion power turbine plant for propulsion in air. (14th October 1941).  
*An internal combustion turbine having a thrust augmentor.*

35827. Metropolitan-Vickers Electrical Company Limited. A method of attaching a length of shaft to a turbine disc. (8th March 1943).  
*A disc with integral ring protuberance is overlapped with the end of the shaft or a flange on the shaft and a radial taper hole is formed in the overlapped portion, tapered pegs being secured in said holes.*
35981. H. B. Stocks, C. A. Haste and T. B. Entwistle. Improvements in and relating to scooters. (31st October 1945).  
*Comprising propelling means—a bell crank lever connected to rear wheel by chain, and by a resilient means the said chain is anchored to a fixed part of a scooter.*
36016. L. E. Cowey. Improvements in checking devices for use with gates, doors and the like. (1st October 1945).  
*Comprises a plunger within a cylinder which is associated with spring means, and means to connect the plunger and the cylinder, one to the door post and the other to the door, cylinder accommodating oil.*
36083. H. Y. Tien. Improvement in pistons for use in internal combustion engines.  
*A piston comprising a piston head and an inner piston which can move relative to each other and the cylinder.*
36103. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to hot-gas piston engines.  
*Characterised in that at least on one of the sides of this wall there are provided means for bringing the medium in intimate contact, through a number of parallel paths with this wall or with heat exchanging means on this wall.*
36133. Lewis Berger & Sons, Limited. Improvements in or relating to synthetic resin coating compositions. (20th November 1945).  
*Comprising a Urea-formaldehyde resin plasticised with an alkyl resin modified with a drying oil fatty acid and a hydroxylated fatty acid*
36153. A. Bries. Improvements in slicing machines. (19th November 1945).  
*Comprising a rotary member operated by an external handle and including a plurality of radially projecting cutting blades and means for adjusting said blades in relation to said rotary member.*
36169. H. V. Kohorn and R. S. V. Kohorn. A method of making and drying artificial fibres and filaments.  
*Drying artificial cut staple fibres in a high frequency electric field.*
36192. The International Electrolytic Plant Company Limited. Improvements in or relating to electrolytic cells. (24th November 1945).  
*Built of parallel skeleton frames of I-Section members when assembled, compartments surrounding cell proper formed between webs and flanges.*
36214. Ciba Limited. Method of combatting pests and dry dusting preparations therefor.  
*Mixture of an insecticidal agent with an amino plastic, ammonium salt and a hygroscopic.*
36257. F. L. Cook. Improvements in electrical switches. (8th December 1945).  
*A terminal permanently connected to movable contact which moves between contacts in limiting positions.*
36349. The Keelavite Company Limited. Improvements in or relating to rotary pumps. (14th December 1945).  
*Gear wheel pumps having teeth of driven gear cropped.*
36398. The Mantle Lamp Company of America. Stoves for space heating.  
*Vertical tubular casing of sheet metal mounted above a fuel reservoir provided with wick type burner.*
36475. Societe Des Usines Chimiques Prolétaire Poulenc. Process for the preparation of phenothiazine derivatives. (18th February 1946).  
*Reacting phenothiazine or a substituted phenothiazine with a dialkyl aminoalkyl halide.*
36481. J. Forman. Improvements in or relating to electro-mechanical high speed operating gear. (31st December 1945).  
*Electric storage system with discharging means, repulsion coil and non-ferromagnetic repulsion member.*
36491. H. G. Martin. Improvements in writing instruments.  
*Ball type writing instrument charged with oleaginous ink and having gap between the ball and its housing in the order of .001 cm.*
36546. British Quinolin Limited. Improvements in or relating to pesticidal and pest-repellant compositions. (7th March 1946).  
*Comprises of polychloro derivatives of benzene and naphthalene and a glyceride of a higher aliphatic acid.*
36565. Swiss Borvirk Company. A method for the direct manufacture of cellulose products from cellulose containing materials.  
*Subjecting the material to the action of a digesting agent and circulated caustic soda through the fibrous mass.*

36621. Extraction Continue De Smet Societe anonyme. Process of and improvements in a machine for continuous extraction of substances from solid matters by means of a solvent.

*Returning the miscellanei formed directly overhead the recipient and subsequently leading the matter overhead the adjacent recipient and repeating the cycle.*

36647. W. T. Henley's Telegraph Works Company Limited. Improvements in electrically heated smoothing irons, (9th February 1946).

*Comprising a housing for the electric terminal connections in the rear part of the handle, an inlet for the supply cable at each side of the housing, a removable closure for the back of the housing.*

36697. Tangye Limited and C. G. Tangye. Improvements relating to doors, pivoted windows and the like.

*Three sided frame pivoted to fixed support near its intermediate side and sub-frame pivoted to said frame adjacent its vertical centre line.*

36807. K. Bharthi. Charkha or hand spinning wheel. [Divided out of No. 36219.]

*The spinning spindle carried on a movable support is arranged parallel to the length of the base and means for adjusting the tension of belts and position of the spindle head.*

36891. Societe Technico-Commerciale De Constructions. Automobiles. Improvements in and relating to device for fastening engines on vehicles.

*Engine is mounted by pivotally secured resilient connecting rods or by connecting rods mounted on resilient dampers.*

36938. Woodall-Duckham (1920) Limited. Improvements in or relating to coke oven structures. (11th March 1946).

*External bracing means comprising buckstays each in contact with the battery and having a rigid structure rigidly associated with the battery foundation.*

37006. Standard Telephones and Cables Limited. Improvements in or relating to electric signalling and to visual indication. (3rd January 1946).

*Cathode ray tube with two control means and a plurality of indicating arrangements.*

#### Patents Sealed

30433. 31525. 31951. 31952. 32147. 32289. 32350. 32513. 32545. 32600. 32660. 32666. 32715. 32718. 32835. 32928. 32957. 33125. 33132. 33146. 33364. 33439. 33479. 33485. 33486. 33565. 33590. 33635. 33661. 33679. 33812. 33815. 33843. 33851. 33869. 34117. 34150. 34170. 34432. 34745.

#### Renewal Fees Paid

The time for payment of renewal fees in respect of the Patents shown under this heading

and marked with asterisks was extended under the Indian Patents and Designs (Extension of Time) Act, 1942.

19211. 20159. 20160. 20161. 20229. 21501. 2153\*. 22245. 23093. 23138. 23161. 23162. 23212. 24276. 25628. 25662. 26725. 26740. 26751. 26921. \*27091. 27648. 27655. 27688. 27708. 27830. 28357. 29048. 29179. 29207. 29270. 29389. 29892. 29973. 29974. 29996. 30003. 30008. 30065. 30066. 30407. 31072. 31312. 31313. 31386. 31577. 31585.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration, except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs included in that entry.

Class 1 Nos. 70137 and 70138. Metropole Works, Indian Firm, Verka, Amritsar, fan, March 3, 1947.

Class 1 No. 70154. Kumar Rajendra Pratap Singh, a Hindu, British Indian subject residing in Galgalha, Dist.—Una, United Provinces, India, respirators, March 3, 1947.

Class 1 No. 70205. Percival Crawshaw Hallstrom, of 67, Smith Street, Summer Hill in the State of New South Wales, Commonwealth of Australia, a British Subject, Cutting portion of a drill or bit for boring or counter-sinking. April 28, 1947.

Class 3 No. 70173. Sahu Rubbers Ltd., 15A, Elphinstone Circle, Fort, Bombay No. 1, Trays (made of Indian Rubber; Ebonite or Plastic), April 8, 1947.

Class 3 Nos. 70217-70219. M. Hira & Sons, British Indian Subject, Proprietor, The Diamond Rubber Works, Nila Gumbad, British India, Motor Cycle Foot Rest Rubbers, May 22, 1947.

Class 3 No. 70220. M. Hira & Sons, British Indian Subjects, Proprietor, The Diamond Rubber Works, Nila Gumbad, Lahore, British India, Motor Cycle Pillian Foot Rest Rubber, May 22, 1947.

Class 14 No. 70201. The Indian Bleaching, Dyeing & Printing Works Ltd., 29, Rustom Building, Churchgate Street, Fort, Bombay, British India, Textile goods, April 22, 1947.

Class 14 No. 70208. The Central Indian Spinning, Weaving & Manufacturing Company, Limited, "Bombay House", Bruce Street, Fort, Bombay Indian, textile goods, May 6, 1947.

**Copyright extended for a third period of five years**

Design Nos. 62436, 62437, 62489, 62490, and 62491. Class 13.

Design No. 62387. Class 14.

*Calcutta, the 23rd August 1947*

**Applications for Patents**

TITLES HAVE BEEN ABRIDGED

*From 7th August to 12th August 1947*

37957. K. C. Das. (Mechanical Engineer). Keyless padlock.
37958. Imperial Chemical Industries Limited. Fumigating compositions. (18th September 1946).
37959. D. Cominc. Constructional elements. (28th June 1946).
37960. M. M. Dutt Joshi. Toys.
37961. Kodak Limited. Photographic colour development. (10th July 1947).
37962. Standard Oil Development Company. Contacting fluids and solids.
37963. J. Lyons and Company Limited. Ovens. (4th September 1946).
37964. The Security Patent Anchor Company Limited. Anchors. (19th August 1946).
37965. Ricarde & Co. Engineers (1927) Limited. Spray-producing nozzles. (28th August 1946).
37966. The General Electrical Company Limited. Radio communication systems. (13th August 1946).
37967. American Bemberg Corporation. Production of synthetic thread.
37968. J. A. Hindle. Thermo-magnetically operated electric switches.
37969. H. Sutherland. Winnowing discrete materials. (11th June 1945).
37970. G. E. Len Gerke and H. Attari. Aeroplanes.
37971. H. G. Martin. Reservoir writing instruments. (19th April 1945). [Divisional date, September 11, 1946.]
37972. The British Periclase Company Limited. Magnesium hydroxide. (19th August 1946).
37973. The General Electric Company Limited. Cathode biasing in electron discharge tube circuits. (21st August 1946).
37974. The General Electric Company Limited. Telephone instruments. (22nd August 1946).
37975. Kodak Limited. Colour photographic processes. (7th October 1944).
37976. Kodak Limited. Colour photographic processes. (1st November 1945).
37977. J. R. Geigy A.-G. Substituted 2 : 4-Diamino-1 : 3 : 5-triazines. (16th October 1946).
37978. J. R. Geigy A.-G. Substituted 2 : 4-Diamino-1 : 3 : 5-triazine. (16th October 1946).
37979. American Cyanamid Company. Preparation of 2-Amino-4-Hydroxy-6-Methyl pyrimido [4, 5-b] pyrazines. (23rd October 1946).
37980. International General Electric Company, Inc. Organo-Polysiloxanes.
37981. International General Electric Company of New York, Limited. Fluorescent Lamps.
37982. International General Electric Company of New York, Limited. Calcium Phosphate Phosphor.
37983. International General Electric Company of New York, Limited. Aluminum Phosphate Phosphor.
37984. Heenam & Froude Limited. Braking mechanism for oil wells and the like.
37985. F. & C. Osler (India) Limited. Fluorescent tube reflector and housing for the electrical accessories for use with fluorescent discharge lamps.
37986. American Chemical Paint Company. Compositions for killing weeds. (9th April 1945). [Divisional date November 10, 1945.]
37987. American Chemical Paint Company. Compositions for killing weeds. (9th April 1945). [Divisional date November 10, 1945].
37988. C. B. Patel. Grinding grains and the like. [Addition to No. 36018].
37989. Standard Telephones and Cables Limited. Equipment for the utilization of H. F. electric power. (12th August 1946).
37990. Standard Telephones and Cables Limited. Antenna system.
37991. Standard Telephones and Cables Limited. High frequency heating apparatus. (3rd October 1946).
37992. Standard Telephones and Cables Limited. Application of negative feedback to impulse modulation.
37993. Standard Telephones and Cables Limited. Electroacoustic devices. (2nd October 1946).
37994. Standard Telephones and Cables Limited. Adjustable electric inductance coils. (18th October, 1946).
37995. Standard Telephones and Cables Limited. Carrier Current Transmission systems. (29th November 1946).
37996. Standard Telephones and Cables Limited. Radio-Position Indicating System. (17th October, 1946).
37997. Henry Simon Limited. Re-conditioning of pneumatic tyres. (12th August 1946).
37998. Norvent Limited. Ventilating apparatus.
37999. L. B. Henderson. Welding Machines.
38000. The British Cotton Industry Research Association. Automatic regulation of the action of machines for the continuous processing of materials. (5th December 1944).
38001. P. Lambda. Pyrophoric lighter.

38002. Vincent "H.R.D." Company Limited. Driving units for motor vehicles.
38003. The British Tabulating Machine Company Limited. Record card controlled calculating machines. (21st October, 1946).
38004. Socony-Vacuum Oil Company Inc. Mineral Oil composition.
38005. Sterling Drug Inc. Organic antimony compounds and process of preparing same. (15th April 1947).
38006. Titan Company A/S. Concentration and reduction of iron ore. (17th June 1947).
38007. S. Chatterjee. Utilising under-sized wastes and fines of the like crushed or powdered metallurgical ores.
38008. R. J. Pile. Artificial teeth from plastics such as methyl methacrylate.
38009. Imperial Chemical Industries Limited. Wool dyestuffs. (14th August 1946).
38010. Imperial Chemical Industries Limited. Textile treatment agents. (14th August 1946).
38011. Imperial Chemical Industries Limited. Textile treatment agents. (14th August 1946).
38012. Imperial Chemical Industries Limited. Purification and clarification of water. (14th August 1946).
38013. Imperial Chemical Industries Limited. Dyestuff. (23rd August 1946).
38014. Imperial Chemical Industries Limited. Dyestuffs. (23rd August 1946).
38015. Colibri Lighters Limited. Friction lighters. (26th August, 1946).
38016. Negator Pump & Compressors Limited. Pumps for delivering liquids. (11th September 1946).
38017. T. Kristiansen. Portable lamps and pocket lamps. (28th November 1946).
38018. James Howden & Company Limited. Dust collectors. (4th November 1946).
38019. James Howden & Company Limited. Dust collector. (4th November 1946).
38020. P. Alderman and M. J. Costello. Devices for affecting the threading of needles and the like. (27th January 1947).
38021. Creed and Company Limited. Printing telegraph receivers. (21st June 1946).
38022. Standard Telephones and Cables Limited. Tubes and their manufacture. (30th August 1946).
38023. Standard Telephones and Cables Limited. Electron emission filaments. (6th September 1946).
38024. Ciba Limited. Manufacture of  $\Delta$  20 : 23-21-halogen-choladienes. (19th December 1946).
38025. Standard Telephones and Cables Limited. Electromagnetic vibratory devices. (21st June 1946).
38026. Standard Telephones and Cables Limited. Gaseous discharge tubes. (25th July 1946).
38027. Standard Telephones and Cables Limited. Double current telegraph device.
38028. Standard Telephones and Cables Limited. Antenna.
38029. Heenan & Froude Limited. Electromagnetic coupling.
38030. American Cyanamid Company. Packages for use in fluid purifying. (30th December 1946).
38031. Hartford-Empire Company. Feeding molten glass in plural charges.
38032. Hartford-Empire Company. Plural tong mechanism for glassware.
38033. Hartford-Empire Company. Mounting for plural glassware forming neck pins and thimbles.
38034. Hartford-Empire Company. Forming glassware.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on any one of the applications referred to below, may at any time within four months of the date of this *Gazette of India* give notice at the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

29177. Rolls-Royce Limited. Improvements in heat treatment of multiple aluminium alloys. (21st August 1941).

*Maintaining an alloy of copper, magnesium, nickel, iron, silicon, titanium, manganese and aluminium at a temperature not more than 30°C below its burning temperature for a time exceeding four hours ; quenching and then ageing.*

30799. C. L. K. A. Patents Limited. Improved method of an apparatus for the combustion of solid fuel. (28th October 1942).

*Directing the air in form of jet on the fuel surface and controlling its supply and velocity.*

31153. The Mathieson Alkali Works. Improvements in the production of magnesium chloride.

*Calcining dolomite and adding it to brine.*

32292. Anglo-Iranian Oil Company Limited. Process for the recovery of liquid sulphur dioxide used in the extraction of hydrocarbon oils. (5th February 1941).

*Recovery of sulphur dioxide by fractionation of sulphur dioxide-hydrocarbon mixture at specific temperature and pressure.*

32907. H. T. Avery. Improvements in or relating to aircraft of the helicopter species, and particularly to devices and controls therefor.

*Counterbalancing turning moment of sustaining rotor by an auxiliary air screw within fuselage, discharging through an opening in the fuselage.*

33210. W. F. DePenning. Manufacture of resinous products of the novolak phenol-aldehyde type and of synthetic resins and moulding compositions therefrom.

*Ligno-cellulose material is hydrolysed with acid and the liberated product is reacted with phenol.*

33581. Power Jets (Research & Development) Limited. Fuel systems. (30th October 1941).

*Pressure fuel system with a dump valve arranged to connect the lateral pipes leading to burners either to the ingress or to the drain.*

33597. Ericsson Telephones Limited. Improvements in or relating to electromechanical switches.

*Adapted to make periodic circuit changes by the oscillation of a contact controlling member.*

33616. International Bitumen Emulsions Limited. Improvements in the preparation of bituminous emulsions.

*Dispersing bituminous material in protein solution and diluting the dispersion.*

33750. A. W. Chapman. Improvements relating to adjustable seats, especially vehicle seats. (5th June 1939).

*The seat tilted about a transverse axis by moving a supporting member wedged between the seat and the foundation.*

33751. A. W. Chapman. Improvements relating to the adjustable separation and retention of two spaced members

which are hinged or linked to each other and especially vehicle seats. (27th March 1940).

*Wedge members which are adapted to space the seat from the foundation, also act to retain the seat against separation from the foundation member.*

33883. E. I. Du Pont de Nemours and Co. Improvements in and relating to electric detonators or other initiators for explosives.

*Wires secured to initiator tube grouped and secured together in two separate bundles.*

33896. Imber Research Limited. Improvements in or relating to preheaters for liquid fuel burners of the pressure type.

*Cleaning needle disposed within a jet and adapted to clear and close the jet orifice.*

33910. The English Electric Company Limited. Improvements in transformer windings. (4th January 1945).

*Winding comprising plurality of sections, first few turns of every coil placed in some section, immediately besides last few turns of same coil, or first few turns of next coil.*

33954. Ste dite CRI-DAN. Improvement in and relating to lathes.

*Tool brought to greater depth by a cam thrown into gear, a ratchet wheel at the end of each run of the tool, by a shaft making one revolution for each run.*

34084. Technicolour Motion Picture Corporation. Improvements in and relating to sound-tracks and method of making.

*Method comprises incorporating soluble light-sensitive ferric iron salts in sound-track zone, printing sound-track and developing it with soluble iron-cyanide.*

34120. The General Electric Company Limited. Improvements in electric discharge lamps. (1st December 1944).

*Airtight sealed vessel containing material capable of luminescence is made removable from the discharge lamp.*

34158. Standard Telephones and Cables Limited. Selector switches of the kind used in automatic telephone systems or the like.

*Comprises a brush carriage, a terminal bank, a flexible driving belt with a reciprocating element and means for stopping the belt.*

34214. Standard Telephones and Cables Limited. Improvements in or relating to telecommunication selector switches.

*Comprises a terminal bank, contact terminals, brush carriage, a brush spreader bar shiftable parallel to path of carriage travel and a brush unit.*

34215. Standard Telephones and Cables Limited. Two-voice frequency signalling equipment.

*A two-voice frequency signalling equipment is characterised by a protecting circuit operated by frequencies approximately one-half and one-third of the value of signalling frequencies.*

34253. Harry Ferguson Inc. Trailer hitch. (1st March 1945).

*A rigid mast with the trailer connected to a compression link having universal connection with the tractor.*

34256. J. R. Geigy A.-G. Manufacture of aromatic acyl-sulphonamides. (24th October 1945).

*Reacting sulphonamides with substituted aromatic carboxylic acids or their functional derivatives respectively.*

34349. Philips Lamps Limited. Improvements in and relating to X-ray control apparatus.

*Main controls for time, KV and MA are coupled with auxiliary means which are set by the operation of setting the main controls.*

34351. E. I. Du Pont De Nemours and Co. Improvements in and relating to stable aqueous dispersions of secondary aromatic amines.

*Incorporating a straight chain aliphatic alcohol containing from 8 to 18 carbon atoms in the dispersion.*

34363. Aktiebolaget Siefvert & Fornander. Method of and machine for cutting match splints or the like.

*Cross-cutters and the severing knife are mounted on a common carrying member.*

34366. Metropolitan-Vickers Electrical Company Limited. Improvements in electrical energy regulators for electric hotplates and the like. (5th May 1945).

*Additional switch contacts in regulators interrupt current in at least one element subsequent to the adjusting knob reaching predetermined point.*

34395. Tecalemit Limited. Improvements in lubrication distribution to wheels of vehicles. (20th March 1945).

*A mass mounted for transverse movement in a vehicle acts under centrifugal force, when vehicle is rounding a curve, to supply oil under pressure to flanges of wheels on outer side of curve.*

34397. N. V. De Bataafsche Petroleum Maatschappij. Process for the manufacture of compositions particularly suitable for road-construction purposes.

*Bitumens containing paraffin wax and phenols both in quantities of at least about 1 per cent. by weight and preferably not exceeding 5 per cent. by weight are added.*

34443. International General Electric Company Inc. Improvements in rotary driving apparatus suitable for the drive of magnetic cyclometer registers.

*Lost motion mechanical driving connection and a resilient driving connection between driven and driving rotary members and means for magnetically restraining driven member.*

35899. A. L. V. Fockeu. Improvements in lock nuts. (22nd October 1945).

*Arranging the keyway in the split inner member of the nut adjacent to the split.*

35962. The English Electric Company Limited. Improvements in and relating to electric switches and controllers. (12th November 1945).

*Comprising an electromagnetically controlled diaphragm operated element to operate an angularly movable operating member.*

35986. Creed and Company Limited. Improvements in or relating to printing telegraph receivers. (6th November 1945).

*Telegraph receiver having fitted an orientation adjustment device.*

35999. Caju Limitada. New or improved nut husking machine. (7th November 1945).

*Comprises means for cutting the nuts, means for opening the pellies and means for feeding the nuts to the cutting and opening means.*

36208. A. Schafranek and S. Schafranek. Improvements in method of and means for applying ornamental surface patterns on timbers. (Addi-to No. 34275).

*Pattern is raised on pressure plate.*

36218. C. Bryant & Son Limited. Improvements in scaffolding clamps. (19th December 1945).

*Body of V-shape including a pair of limbs joined by a connecting part carrying a clamping screw and the ends of the limbs remote from the connecting part being adapted for clamping engagement with putlog element and shaped not to project appreciably above the putlog element.*

36252. Imperial Chemical Industries Limited. New azo dyestuff. (5th December 1945).

*Coupling diazotised 4-nitro-2-aminophenol-6-sulphonic with 6-bromo-2-naphthol.*

|   | Patents sealed   |         |        |        |        |         |
|---|--|---------|--------|--------|--------|---------|
| 36319. Imperial Chemical Industries Limited.<br>Manufacture of new highly polymeric linear esters and to the production of filaments, fibres and the like therefrom. (11th December 1945).<br><i>Heating a hydroxycarboxylic acid or an ester-forming derivative thereof or a low molecular weight product obtainable from said acid.</i> | 30663.   | 30725.  | 30807. | 30875. | 30907. | 30982.  |
|   | 31368.   | 31445.  | 31553. | 31556. | 31709. | 31710.  |
|   | 31731.   | 31767.  | 31769. | 31770. | 31771. | 31772.  |
|   | 31773.   | 31899.  | 31971. | 31974. | 32006. | 32031.  |
|   | 32069.   | 32122.  | 32170. | 32229. | 32273. | 32305.  |
|   | 32449.   | 32450.  | 32452. | 32472. | 32544. | 32567.  |
|   | 32621.   | 32633.  | 32704. | 32762. | 32763. | 32800.  |
|   | 32820.   | 32900.  | 32917. | 32956. | 32979. | 32996.  |
|   | 33006.   | 33009.  | 33034. | 33046. | 33052. | 33075.  |
|   | 33122.   | 33123.  | 33124. | 33197. | 33198. | 33205.  |
|   | 33251.   | 33270.  | 33276. | 33316. | 33328. | 33350.  |
|   | 33363.   | 33389.  | 33390. | 33396. | 33397. | 33427.  |
|   | 33428.   | 33429.  | 33484. | 33591. | 33595. | 33596.  |
|   | 33628.   | 33629.  | 33659. | 33681. | 33685. | 33778.  |
|   | 33841.   | 33847.  | 33853. | 33859. | 33885. | 33935.  |
|   | 34022.   | 34025.  | 34093. | 34123. | 34124. | 34126.  |
|   | 34148.   | 34151.  | 34175. | 34290. | 34368. | 34393.  |
|   | 34417.   | 34455.  | 34456. | 34515. | 34518. | 34565.  |
|   | 34584.   | 34628.  | 34712. | 34769. | 34835. | 35311.  |
|   | Renewal fees paid  |         |        |        |        |         |
|   | The time for payment of renewal fees in respect of the patents shown under this heading and marked with asterisks was extended under the Indian Patents and Designs (Extension of Time) Act, 1942. |         |        |        |        |         |
| 36525. American Chemical Paint Company.<br>Composition for and method of coating aluminium and articles produced thereby. (16th February 1946).<br><i>Subjecting the metal to the action of an aqueous solution containing phosphate ion, fluoride ions and dichromate ions.</i>  | 22145.   | 22810.  | 23182. | 23200. | 23201. | 23239.  |
|   | 23463.   | *23700. | 24442. | 24528. | 24532. | 24625.  |
|   | *24901.  | 25658.  | 25664. | 25696. | 25741. | *25860. |
|   | 25861.   | 26064.  | 26765. | 26770. | 26771. | 26945.  |
|   | 26951.   | 26964.  | 27806. | 27807. | 28303. | 28431.  |
|   | 28469.   | 29014.  | 29065. | 29254. | 29286. | 29376.  |
|   | 29872.   | 30059.  | 30064. | 30093. | 30173. | 30206.  |
|   | 30209.   | 30213.  | 30232. | 30267. | 30268. | 30269.  |
|   | 30270.   | 31763.  |        |        |        |         |

K. RAMA PAI,  
Controller of Patents and Designs.